CLAIMS

Claim 1 (Original): A method for generating a graphical representation of call-specific data in a wireless network in conjunction with Comarco and Hughes equipment, said method comprising:

performing a first phone call using said Comarco equipment to obtain a first set of call-specific drive test data from an area covered by said wireless network, wherein said first set of data includes at least a time element of said first phone call;

performing a second phone call using said Hughes equipment to perform an RF call trace in connection with said drive test and to obtain a second set of call-specific data, wherein said second set of data includes at least a time element of said second phone call;

combining said first and second sets of data into a combined output file based on respective said time elements of said first and second phone calls; and

processing said combined output file in a thematic mapping software program to provide a graphical representation of said combined output file.

Claim 2 (Original): The method of Claim 1, wherein said call-specific data include signal strength information.

Claim 3 (Original): The method of Claim 1, further comprising performing said second phone call from a switch location in said wireless network.

Claim 4 (Original): The method of Claim 1, wherein said combined output file includes call-specific data selected from the group consisting of Time, Latitude, Longitude, Forward Signal Strength, Reverse Signal Strength, Forward BER, and Reverse BER.

Claim 5 (Original): The method of Claim 1, further comprising generating said graphical representation based on signal strength data.

Claim 6 (Original): The method of Claim 1, wherein said graphical representation is color-coded to reflect one or more levels of signal strength depicted on said graphical representation.

Claim 7 (Currently Amended): A computer-readable medium containing instructions for generating a graphical representation of call-specific data in a wireless network in conjunction with Comarco and Hughes equipment, said ~~method~~ medium comprising:

instructions for performing a first phone call using said Comarco equipment to obtain a first set of call-specific drive test data from an area covered by said wireless network, wherein said first set of data includes at least a time element of said first phone call;

instructions for performing a second phone call using said Hughes equipment to perform an RF call trace in connection with said drive test and to obtain a second set of call-specific data, wherein said second set of data includes at least a time element of said second phone call;

instructions for combining said first and second sets of data into a combined

output file based on respective said time elements of said first and second phone calls; and

instructions for processing said combined output file in a thematic mapping

software program to provide a graphical representation of said combined output file.

Claim 8 (Original): The medium of Claim 7, wherein said call-specific data

include-signal-strength information.

Claim 9 (Original): The medium of Claim 7, further comprising instructions for

performing said second phone call from a switch location in said wireless network.

Claim 10 (Original): The medium of Claim 7, wherein said combined output file

includes call-specific data selected from the group consisting of Time, Latitude, Longitude,

Forward Signal Strength, Reverse Signal Strength, Forward BER, and Reverse BER.

Claim 11 (Currently Amended): The medium of Claim 7, further comprising

instructions for generating said graphical representation based on signal strength data.

Claim 12 (Original): The medium of Claim 7, wherein said graphical

representation is color-coded to reflect one or more levels of signal strength depicted on said

graphical representation.

4

Claim 13 (Currently Amended): A system for generating a graphical

representation of call-specific data in a wireless network in conjunction with Comarco and

Hughes equipment, said ~~method~~ <u>system</u> comprising:

drive test equipment for performing a first phone call using said Comarco

equipment to obtain a first set of call-specific drive test data from an area covered by said

wireless network, wherein said first set of data includes at least a time element of said first phone

call;

switch equipment for performing a second phone call using said Hughes

equipment to perform an RF call trace in connection with said drive test and to obtain a second

set of call-specific data, wherein said second set of data includes at least a time element of said

second phone call;

a processor for combining said first and second sets of data into a combined

output file based on respective said time elements of said first and second phone calls; and

a processor for processing said combined output file in a thematic mapping

software program to provide a graphical representation of said combined output file.

Claim 14 (Original): The system of Claim 13, wherein said call-specific data

include signal strength information.

Claim 15 (Original): The system of Claim 13, further comprising a switch for performing said second phone call.

Claim 16 (Original): The system of Claim 13, wherein said combined output file includes call-specific data selected from the group consisting of Time, Latitude, Longitude, Forward Signal Strength, Reverse Signal Strength, Forward BER, and Reverse BER.